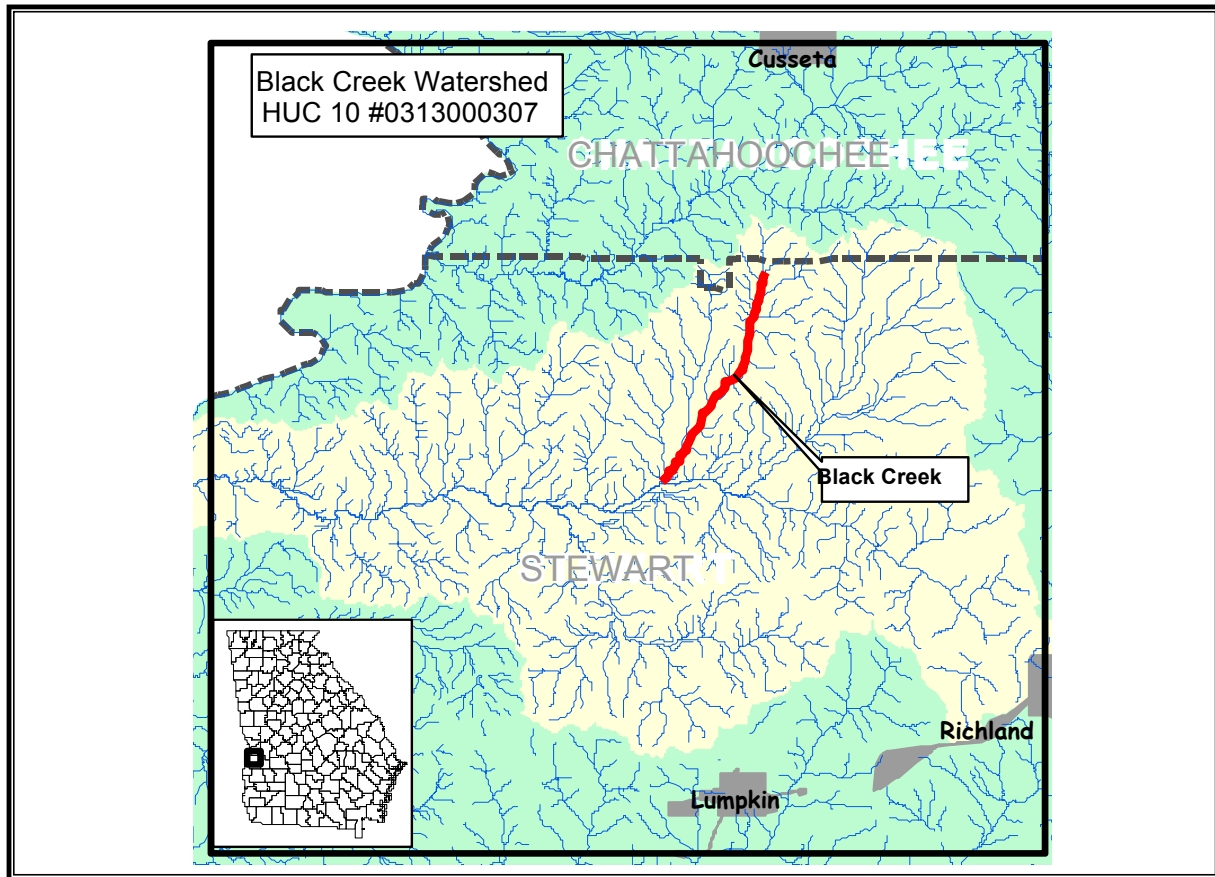


STATE OF GEORGIA
TMDL IMPLEMENTATION PLAN

BLACK CREEK
(Sediment - Biota)

Prepared by
The Georgia Department of Natural Resources
Environmental Protection Division
Atlanta, GA

TMDL Implementation Plans are platforms for establishing a course of actions to restore the quality of impaired water bodies in a watershed. They are intended as a continuing process that may be revised as new conditions and information warrant. Procedures will be developed to track and evaluate the implementation of the management practices and activities identified in the plans. Once restored, appropriate management practices and activities will be continued to maintain the water bodies. The overall goal of the Plan is to define a set of actions that will help achieve water quality standards in the state of Georgia. This plan was originally prepared as an implementation inventory by the Lower Chattahoochee RDC with a Section 604(b) Grant. TMDL load allocation information has been updated to reflect the approved TMDL.



Impaired Waterbody*	Impaired Stream Location	River Basin	Miles/Area Impacted	Partially Supporting/ Not Supporting
Black Creek	Headwaters to Hannahatchee Creek	Chattahoochee	6	Partially Supporting

STATE OF GEORGIA

TMDL IMPLEMENTATION PLAN FOR: Black CreekBiotaRIVER BASIN: Chattahoochee

(STREAM)

(PARAMETER)

PLAN DATE:

9-30-02

Prepared by: Perdita Holtz, AICP

Lower Chattahoochee Regional Development Center
 Address: 1428 Second Avenue
 City: Columbus State: GA
 Zip: 31902 e-mail: pholtz@lcrdc.org
 Date Submitted to EPD: 9-30-02

Or Prepared By: N/A

Address: _____
 City: _____ State: _____
 Zip: _____ e-mail: _____
 Date Submitted to EPD: _____

General Information

Obtain this information from the TMDL document or other information.
 When completed, this document will be a self-contained report
 independent of the TMDL document.

Significant Stakeholders

Identify local governments, agricultural organizations or significant land holders,
 commercial forestry organizations, businesses and industries, and local organizations
 including environmental groups with a major interest in this water body.

TMDL ID (to be entered by EPD)		Name/Organization	Please see attached list			
Water body name	Black Creek	Address				
HUC basin name	Chattahoochee	City		State		Zip
HUC number	03130003	Phone			e-mail	
Primary county	Stewart	Name/Organization				
Secondary county		Address				
Primary RDC	Lower Chattahoochee	City		State		Zip
Secondary RDC	N/A	Phone			e-mail	
Water body location	Stewart County, watershed includes Chattahoochee County	Name/Organization				
		Address				
Miles or area impacted	6	City		State		Zip
Parameter addressed in plan	Biota	Phone			e-mail	
Water use classification	Fishing	Name/Organization				
Degree of impairment	Partially supporting use <input checked="" type="checkbox"/>	Address				
	Not supporting use <input type="checkbox"/>	City		State		Zip
Date TMDL approved by EPA	February 2003	Phone			e-mail	
Impairment due to	Point sources <input type="checkbox"/>	Name/Organization				
	Nonpoint sources <input checked="" type="checkbox"/>	Address				
	Both <input type="checkbox"/>	City		State		Zip
Point source-Form A; Nonpoint source-Form B; Both-Form A+B+C		Phone			e-mail	

FORM B

SUMMARY OF ALLOCATION MODEL RESULTS FROM TMDL DOCUMENT (existing load, target TMDL, and needed reduction)

EXISTING LOAD	TARGET TMDL	NEEDED REDUCTION
3,797 tons/yr	3,797 tons/yr	0%

I. IDENTIFY **NONPOINT SOURCE** CATEGORIES AND SUBCATEGORIES OR INDIVIDUAL SOURCES WHICH MUST BE CONTROLLED TO IMPLEMENT LOAD ALLOCATIONS:

List major nonpoint sources contributing to impairment including those identified in TMDL document.

SOURCE	DESCRIPTION OF CONTRIBUTION TO IMPAIRMENT	RECOMMENDED LOAD REDUCTION (FROM TMDL)
Silviculture Activities	Erosion as a result of logging activities (including logging access roads)	
Unpaved Roads	Erosion on and adjacent to dirt roads	
Natural Erosion	Naturally occurring erosion resulting from the high erodibility of the soil types found in the watershed	
Residential Development	Erosion on and adjacent to dirt residential driveways	
Roadway Construction and excavation	Erosion from the cuts created adjacent to roadways when they are constructed (lack/inadequacy of erosion control measures on right-of-way)	

II. DESCRIBE ANY REGULATORY OR VOLUNTARY ACTIONS INCLUDING MANAGEMENT MEASURES OR OTHER CONTROLS BY GOVERNMENTS OR INDIVIDUALS THAT SPECIFICALLY APPLY TO THE POLLUTANT AND THE WATERBODY FOR WHICH THE TMDL WAS WRITTEN, THAT WILL BE ACCOMPLISHED THROUGH RELIABLE AND EFFECTIVE DELIVERY MECHANISMS, AND THAT WILL HELP ACHIEVE THE LOAD ALLOCATIONS IN THE TMDL:

Existing or required regulatory actions

RESPONSIBLE GOVERNMENT, ORGANIZATION OR ENTITY	NAME OF REGULATION/ORDINANCE	DESCRIPTION	ENACTED OR PROJECTED DATE (mm/yy)	STATUS
Georgia DNR EPD	Chattahoochee River Basin Management Plan	Plan to protect, enhance, and restore the waters of the Chattahoochee River Basin by monitoring, regulating, allocating, and managing land uses in the river basin.	1997	Ongoing
Stewart County	Soil Erosion and Sedimentation Control Ordinance	Protects water quality through sedimentation and erosion control by establishing BMPs and regulating land-disturbing activities.	July, 1996	Active
Chattahoochee County	Soil Erosion and Sedimentation Control Ordinance	Protects water quality through sedimentation and erosion control by establishing BMPs and regulating land-disturbing activities.	January, 1988	Inactive December, 1989 (State now enforces)
Georgia State Board of Registration for Foresters	Standards of Practice	Failure to practice professional forestry in accordance with the Standards shall constitute unprofessional conduct and be grounds for disciplinary action	1991	Active

Existing voluntary actions

RESPONSIBLE ORGANIZATION OR ENTITY	NAME OF ACTION	DESCRIPTION	ENACTED OR PROJECTED DATE (mm/yy)	STATUS
Georgia Forestry Commission	Forestry Water Quality Program	Includes development of BMPs, BMP education programs, and monitoring for BMP compliance	1978; manual updated 6/99	Active

University of Georgia – Cooperative Extension Service	Promotion of Soil and Water Conservation in Agriculture	Provides classroom instruction, basic and applied research, consulting assistance, and information for nonpoint source water quality impacts	N/A	Active
Georgia Soil and Water Conservation Commission	Agricultural Nonpoint Source Management Lead Agency	Develops nonpoint source management programs and conducts educational activities to promote protection of land and water devoted to agricultural uses	1937	Active
Natural Resources Conservation Service (NRCS)	Financial/Technical assistance to agricultural uses	Includes standards and specifications for agricultural BMPs. Implements Environmental Quality Incentives Program, Conservation Reserve Program, and Small Watershed Program	N/A	Active

Additional recommended regulatory or other measures which should be implemented to reduce the loads of the TMDL parameter

ENTITY/ORGANIZATION RESPONSIBLE	NAME OF PROPOSED REGULATION/ORDINANCE/ OTHER	DESCRIPTION	ENACTED OR PROJECTED DATE (mm/yy)	STATUS
Georgia Forestry Commission	Better Education and Enforcement of BMPs	GFC should better educate the forestry industry about BMPs and needs to enforce the use of BMPs. If BMPs are being used, and used correctly, and erosion is still occurring, then new BMPs that address the problem of erosion need to be developed.	Unknown	Unknown
Property owners in partnership with regulatory agencies	Buffering and BMPs	Abide by Agricultural/Forestry BMPs	TBA	Not Active
Citizens of Stewart County with Georgia EPD	Adopt-A-Stream Program	Establish an Adopt-A-Stream program in Stewart County.	TBA	Not Active
Stewart County	Maintenance of unpaved roads and roadside ditches	Evaluate procedures for maintaining unpaved roads and roadside ditches and utilize the publication entitled <u>Recommended Practices Manual, A Guideline for Maintenance and Service of Unpaved Roads</u> as a guide to making changes in current procedures	TBA	Proposed

Stewart County	Wetland Protection Ordinance	Establishes boundaries around wetlands within the county and limits types and density of development to protect water quality and habitats within these areas.	2005	Required in 2005
Stewart County	Ground Water Recharge Area Ordinance	Establishes requirements to manage land use within significant groundwater recharge areas.	2005	Required in 2005

III. SCHEDULE FOR IMPLEMENTING MANAGEMENT MEASURES OR OTHER CONTROL ACTIONS:

These must be implemented as expeditiously as practicable within five years of when the implementation plan is accepted by EPA.

IMPLEMENTATION ACTION	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
Form stakeholders group	X				
Organize implementation work with stakeholders and local officials to identify remedial measures and potential funding sources	X				
Identify sources of TMDL parameter	X	X			
Develop management programs to control runoff including identification and implementation of BMPs (Phase I):					
Agriculture	X	X			
Forestry	X	X			
Urban	X	X			
Mining	N/A				
Organize and implement education and outreach programs		X	X		
Detect and eliminate illicit discharges		X	X		
Evaluate additional management controls needed			X		
Monitor and evaluate results			X	X	X
Reassess TMDL allocations			X	X	
Provide periodic status reports on implementation of remedial activities	X	X	X	X	X
If needed, begin process for Phase II (next 5 years) and subsequent phases					X

IV. PROJECTED ATTAINMENT DATE AND BASIS FOR THAT PROJECTION:

The projected attainment date is 10 years from acceptance of the implementation plan by EPA.

V. MEASURABLE MILESTONES:

- Number of management controls and activities already implemented _____ 8 _____
- Number of management controls and activities proposed in five-year work program _____ 6 _____
- Number of management controls and activities actually implemented in five-year work period _____ (to be completed after 5 years)
- Stream sampled to identify areas of concern See monitoring plan
- Other _____
- Other _____

VI. MONITORING PLAN:

Monitoring data that placed stream on 303(d) list will be provided if requested.

Describe previous or current sampling activities or other surveys to detect sources or to measure effectiveness of management measures or other controls.

ORGANIZATION	TIME FRAME	PARAMETERS	PURPOSE	STATUS
DNR – Wildlife Resources Division	2000	IBI/IWB	Evaluate health of the biological system.	Completed. Future testing date to be determined.

Describe any planned or proposed sampling activities or other surveys. (Scheduled EPD sampling can be found in the Basin Planning document.)

ORGANIZATION	TIME FRAME	PARAMETERS	PURPOSE	STATUS
EPD	2004 or 2005	All elements/ pollutants normally tested.	basin planning - individual water bodies have not yet been chosen	Scheduled

VII. CRITERIA TO DETERMINE WHETHER SUBSTANTIAL PROGRESS IS BEING MADE:

- % concentration or load change (monitoring program)
- Categorical change in classification of the stream (delisting the stream is the goal)
- Regulatory controls or activities installed (ordinances, laws)
- Best management practices installed (agricultural, forestry, urban)

COMMENTS

The preparation of this report was financed in part through a grant from the U.S. Environmental Protection Agency under the Provisions of Section 604(b) of the Federal Water Pollution Control Act, as amended.

Black Creek Watershed
Property Owners of Parcels 25 acres or more in size

Armour, Alice Est
Armour, J H C Est
Berry, Emmie R
Brown, Dale R
Brown, David M
Brown, Faye
Brown, Wesley P & Faye
Carpenter, Jerry W
Collazo, Yamill J
Cook, Bernice B
Evans, Anna M Est
Foley, Ethel W
Frazier, Joe R & Sandra
Ingram & Legrand
Mathis, Randy Paul
Mead Coated Board Inc.
Peek, Ellis
Peek, Joe B
Psalmonds, Phillip M
Richardson, J B Mrs Est
Richardson, J R Etal
Richardson, Sarah C Etal
Robinson, Lee M & Terry Lee
Shierling, E W Mr & Mrs
Valley Wood Inc Et Al
Van Cleave Enterprises
Wilder, T L Life Estate
Wilder, William Cliff
Williams, Carole C

bold denotes property owners of more
than 200 acres

Black Creek Watershed
Stakeholders (other than property owners)

Stewart County
P.O. Box 157
Lumpkin, GA 31815

Chattahoochee County
P.O. Box 299
Cusseta, GA 31805

NRCS
P.O. Box 129
Preston, GA 31824

Stewart Co. Health Dept.
P.O. Box 307
Lumpkin, Georgia 31815

SSWCC
2700 Palmyra Road
Albany, GA 31707

Stewart County Extension Agent
P.O. Box 187
Lumpkin, GA 31815

Chattahoochee County Extension Agent
P.O. Box 9
Cusseta, GA 31805

Chattahoochee Riverkeeper
P.O. Box 1492
Columbus, GA 31902

Georgia Forestry Commission
243 US Hwy 19 N
Americus, GA 31709

Southwest Georgia Chamber of Commerce
P.O. Box 31
Cuthbert, GA 31740